

Reply to: 3460

August 22, 1990

Subject: Aerial Survey

To: Forest Supervisor, Allegheny National Forest

Due to inclement weather and mechanical problems with the airplane, the aerial survey of the Allegheny National Forest was not conducted until Wednesday, July 25th. Kelly Riddle, Forestry Technician, FPM, conducted the flight with Phyllis Kipp, Marienville Ranger District, Allegheny National Forest.

Gypsy moth and pear thrips defoliation was not detected during this year's survey due partially to the timing of the flight and also to the low insect population densities.

There are reports by Pennsylvania Bureau of Forestry personnel of thrips defoliation, however, copies of their maps have not yet been received and the exact locations are not known at this time.

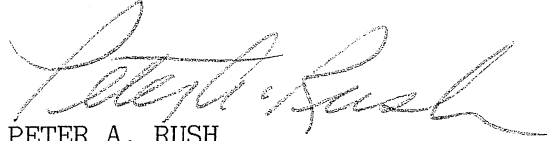
The killing front of beech bark disease continues to expand within the Bradford Ranger District. Recent pockets of mortality in beech were identified between forest roads 173 and 176, near the Bradford Ranger Station on both sides of State Route 59, and between forest roads 277 and 188 west of Timbuck. The vertical spelling of "beech mortality" shows the approximate location of the killing front of beech mortality.

Recent hardwood mortality, believed to be oak, was identified in two small pockets. The first area lies due south of the intersection of forest roads 211 and 484 while the second area is located in and around the Tidioute Overlook area. Additional mortality in oaks is believed to have occurred in the National Recreation Area west of Route 337 in Sheffield; however, these trees probably did not leaf out in the spring as there is very little browning out present.

Two separate areas of hardwood decline and mortality were mapped. The first is a small area of aspen south of Shippen Run in Marienville. This area was ground checked by FPM personnel and no noticeable mortality was documented. The second area, which has not been ground checked, is located south of the Seneca Pump Reservoir along Fluent Run in the Bradford Ranger District.

Overall, the forest looked to be in pretty good health as compared to recent years' surveys. This fall, FPM personnel will be evaluating the potential for gypsy moth defoliation as well as conducting soil surveys to monitor thrips populations. The results of these surveys will be reported in early October.

If you have any questions concerning this survey or any other pest problems, please give us a call.



PETER A. RUSH
Field Representative
Forest Pest Management

cc: Bob White, SO, ANF
District Ranger, Bradford RD
District Ranger, Marienville RD
District Ranger, Sheffield RD
District Ranger, Ridgway RD
Larry Yarger
AO

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ALLEGHENY NF		
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ALLEGHENY NATIONAL FOREST

Scale
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LEGEND

- National Forest Boundary
- National Forest Land
- Main Highway
- Secondary Highway
- Good Road
- U.S. Highway
- State Highway
- Forest Route
- Oak Mortality
- Beech Mortality
- Hardwood Decline

